



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Water Microbiology Laboratory Report

June 24, 2015

Erin Trainor - EIA / OEME
US EPA New England R1

Project Number: 15060015

Project: MS4 Cape Cod BMP

Analysis: E. Coli Defined Substrate

Analyst: Nathan Raines

Date Samples Received by the Laboratory: 06/10/2015

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I method: Total Coliform/E. coli by Defined Substrate, Revision #4

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

If you have any questions please call me at 617-918-8609.

Sincerely,

A handwritten signature in blue ink that reads "David F. McDonald". The signature is stylized with a large, looped "D" and "M".

David F. McDonald
Biology Laboratory Manager

PN: 15060015

Water Microbiology Laboratory Data Qualifier Codes

J = Estimate
H = Exceeds holding time
I = Exceeds incubation time
At = Atypical overgrowth
S = Lost sample
V = Insufficient sample volume
TNTC = Too numerous to count
MB = Media blank
+++ = Positive control
--- = Negative control
SP = Spiked Sample
L = Estimated, result below reporting limit (RL)
ND = Not Detected, result less than RL
D = Lab Duplicate
P = Plate counts outside preferred range

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

MS4 Cape Cod BMP

E. Coli Defined Substrate

Matrix: Water

Sample Number	Lab ID	Date of Collection		Date of Analysis		Compound	Concentration MPN/100 mL	RL MPN/100 mL	Qualifier
Barre BMP	AB56698	06/10/15	1:25 pm	06/10/15	4:36 am	E. Coli Defined Substrate	ND	4	
Barre BMP D.	AB56699	06/10/15	1:25 pm	06/10/15	4:36 am	E. Coli Defined Substrate	ND	4	

Number of Samples: 2



CHAIN OF CUSTODY RECORD

PROJ. NO. PROJECT NAME

ISO60015 Cap Cod BMP

SAMPLERS: (Signature)

Car Pen

NO.

OF

CON-
TAINERS

STA. NO. DATE TIME COMP. GRAB STATION LOCATION

NO. OF CON-
TAINERS

REMARKS

*ECeli
Eupro
B57A*

6/10/15 1325 X Bar 1 BMP
2/10/15 1325 X Bar 1 BMP dup

3 X X X
3 X X X

Relinquished by: (Signature)

Date / Time

Received by: (Signature)

Relinquished by: (Signature)

Date / Time

Received by: (Signature)

ECeli

6/10/15 1633

Relinquished by: (Signature)

Date / Time

Received by: (Signature)

Relinquished by: (Signature)

Date / Time

Received by: (Signature)

Relinquished by: (Signature)

Date / Time

Received for Laboratory by: (Signature)

Date / Time

Remarks

(Signature)

6/10/15 1633

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files